

FIG. 1

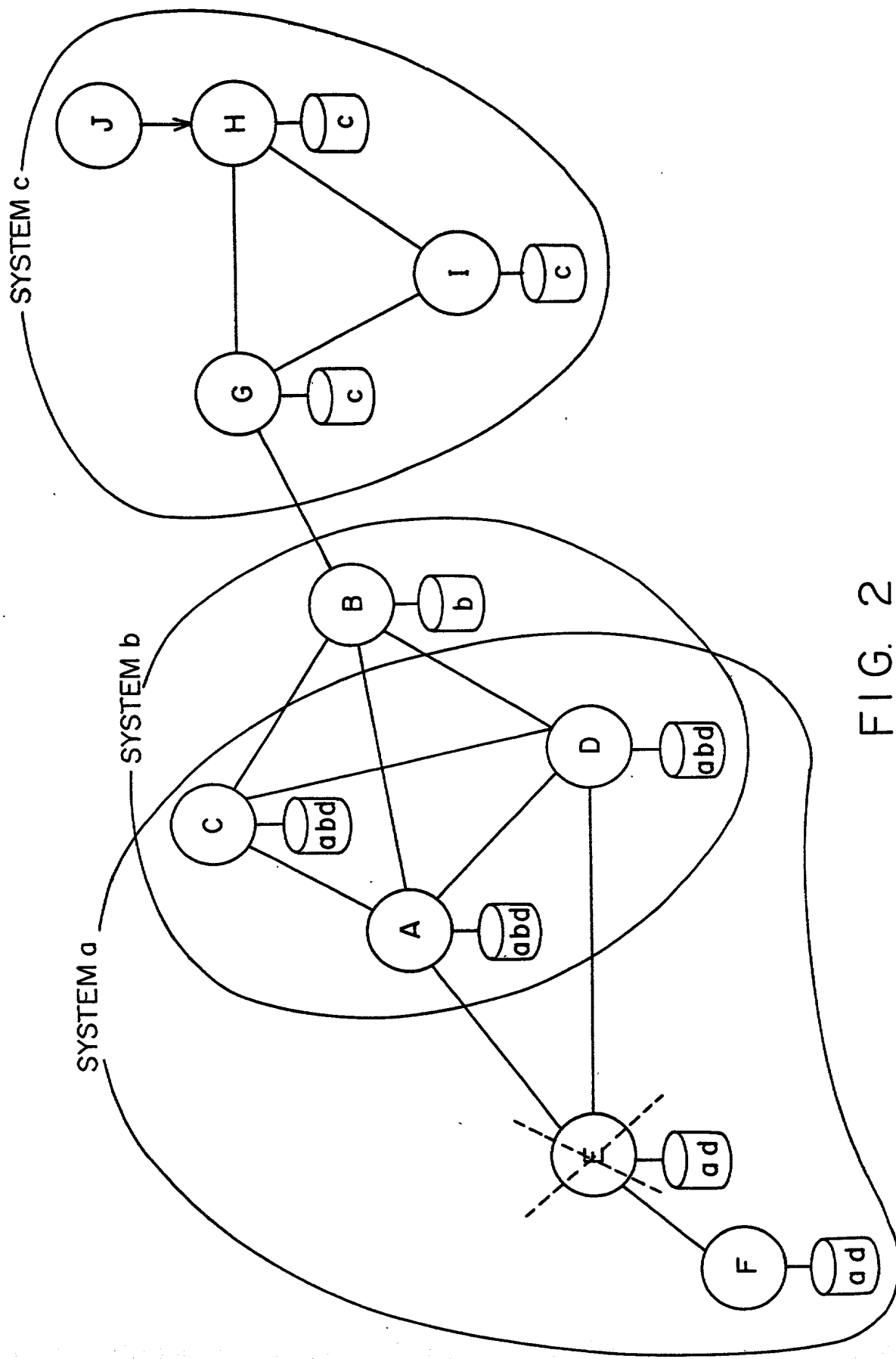


FIG. 2

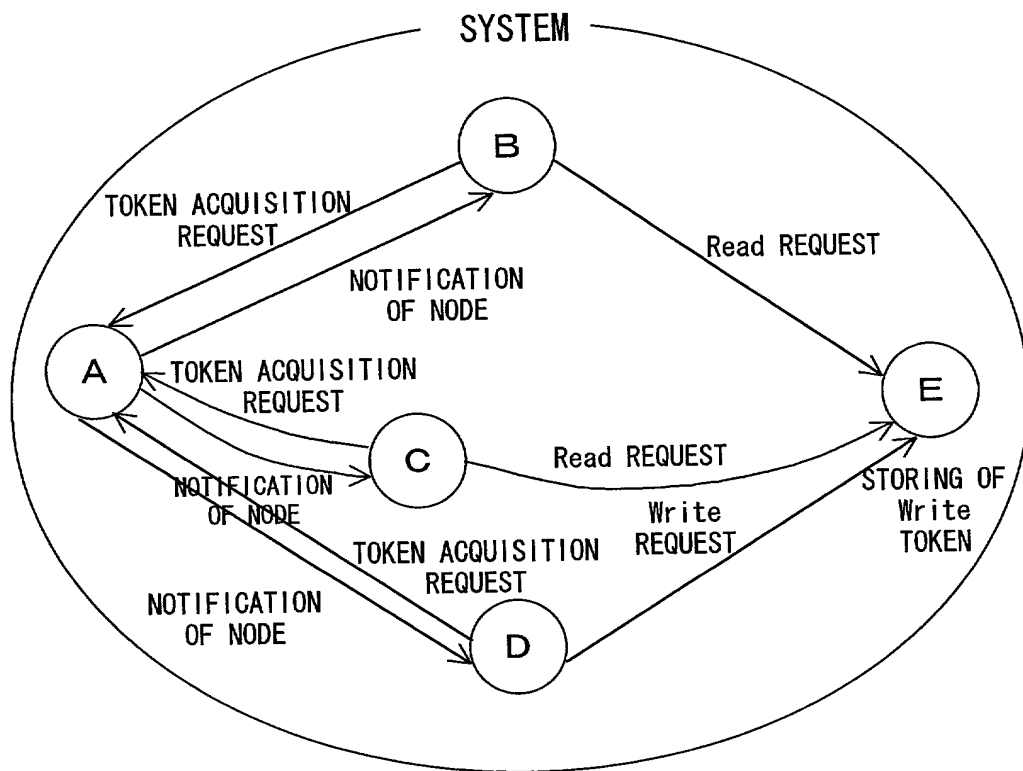


FIG. 3 A

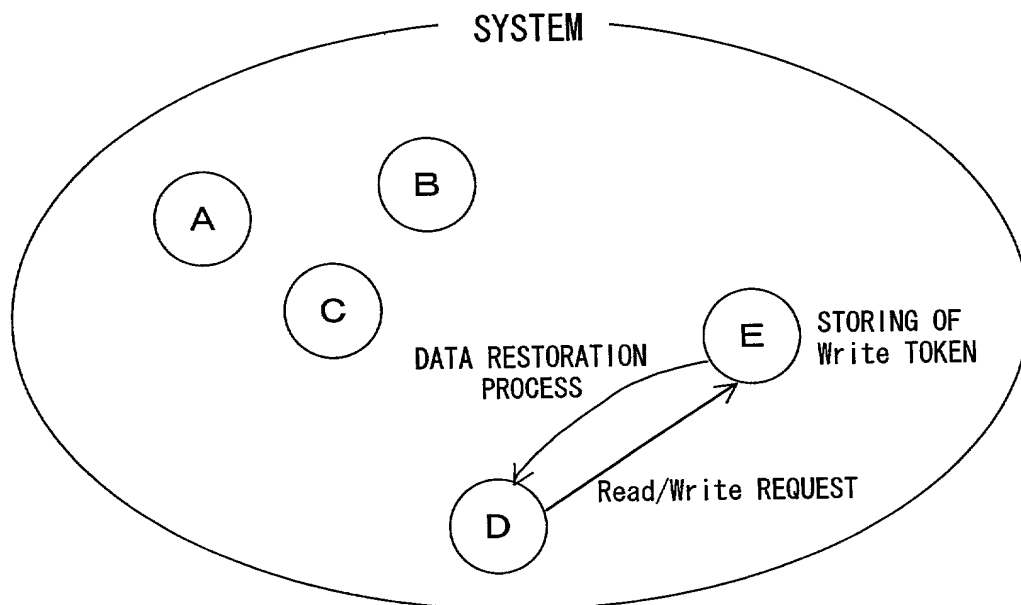


FIG. 3 B

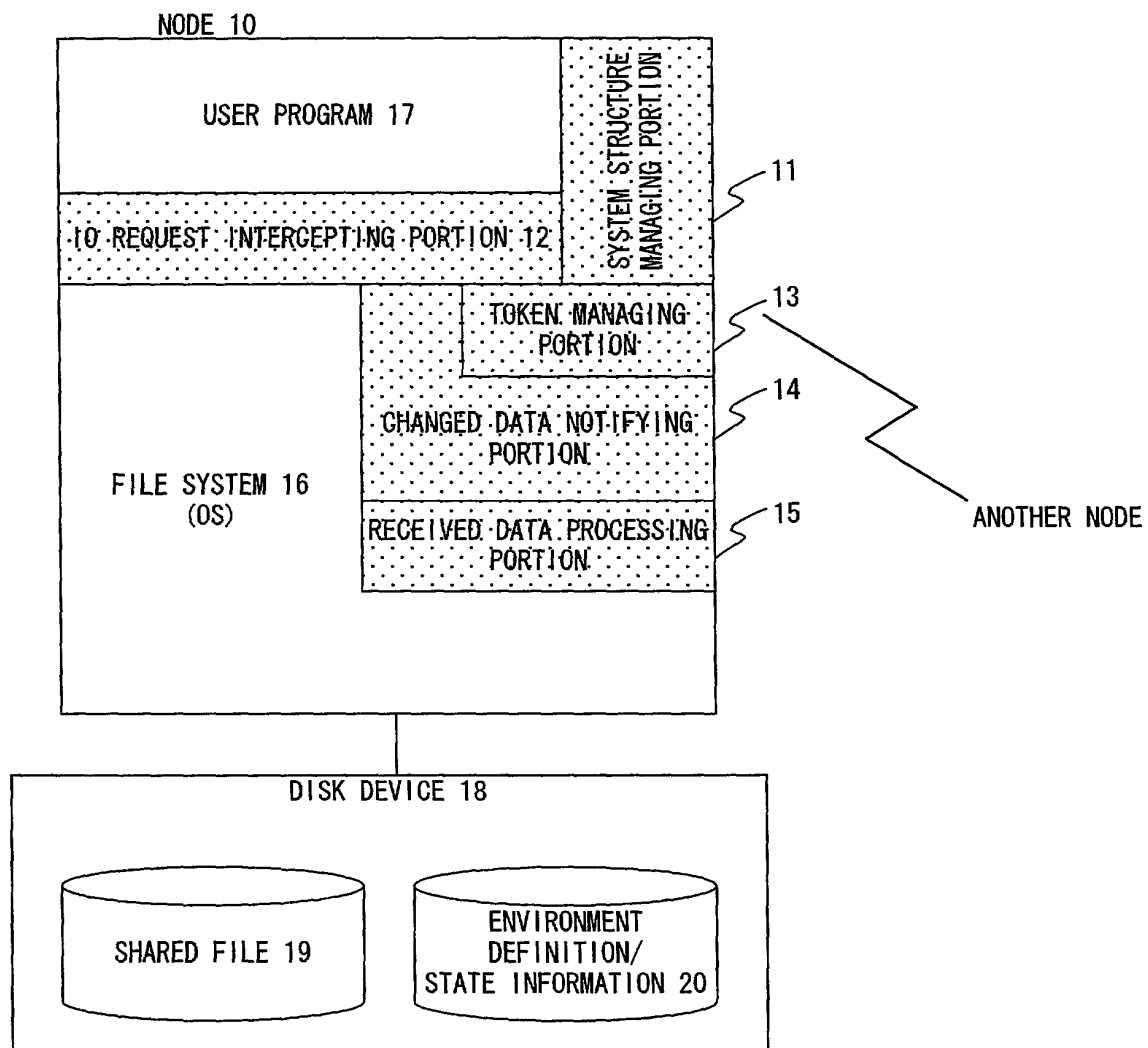


FIG. 4

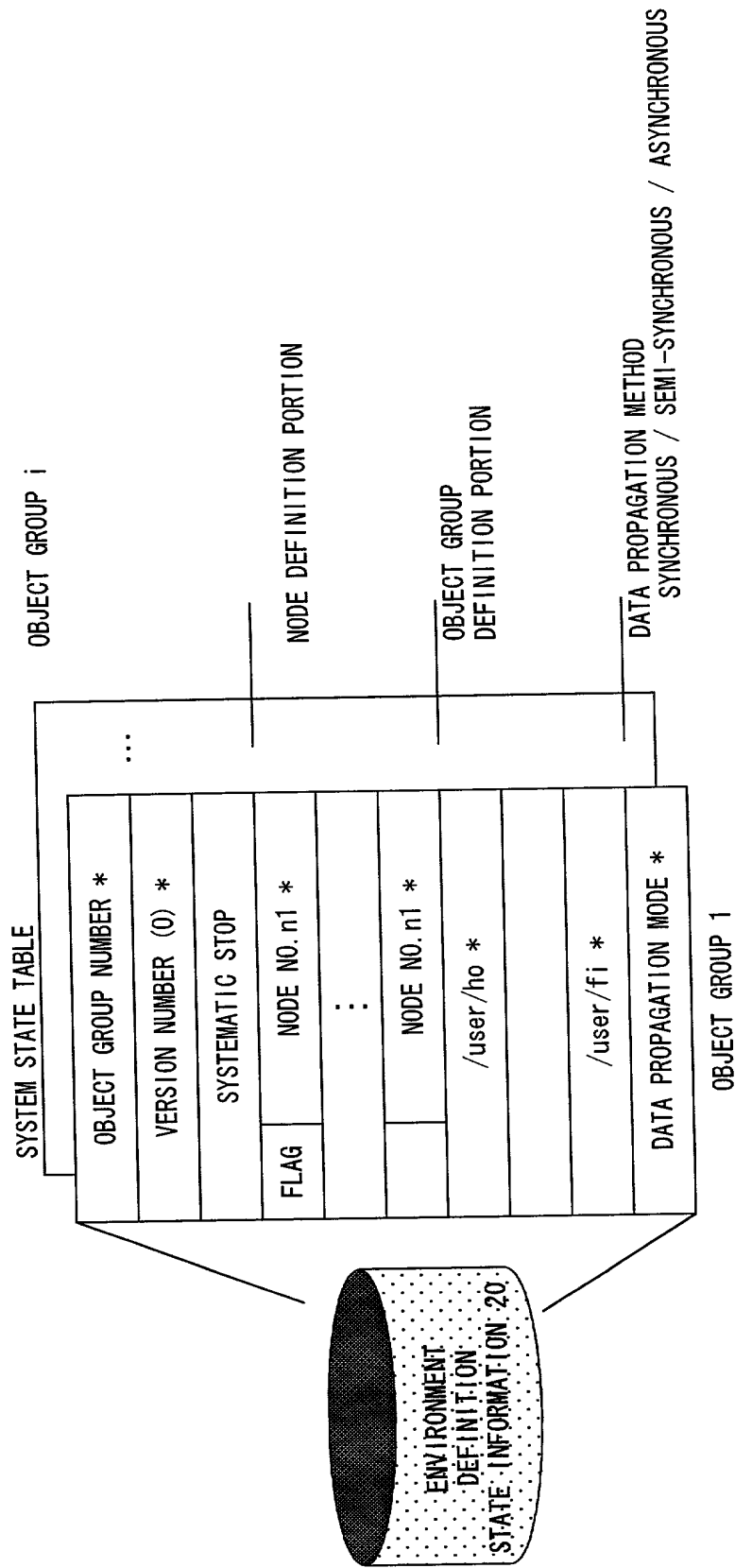


FIG. 5

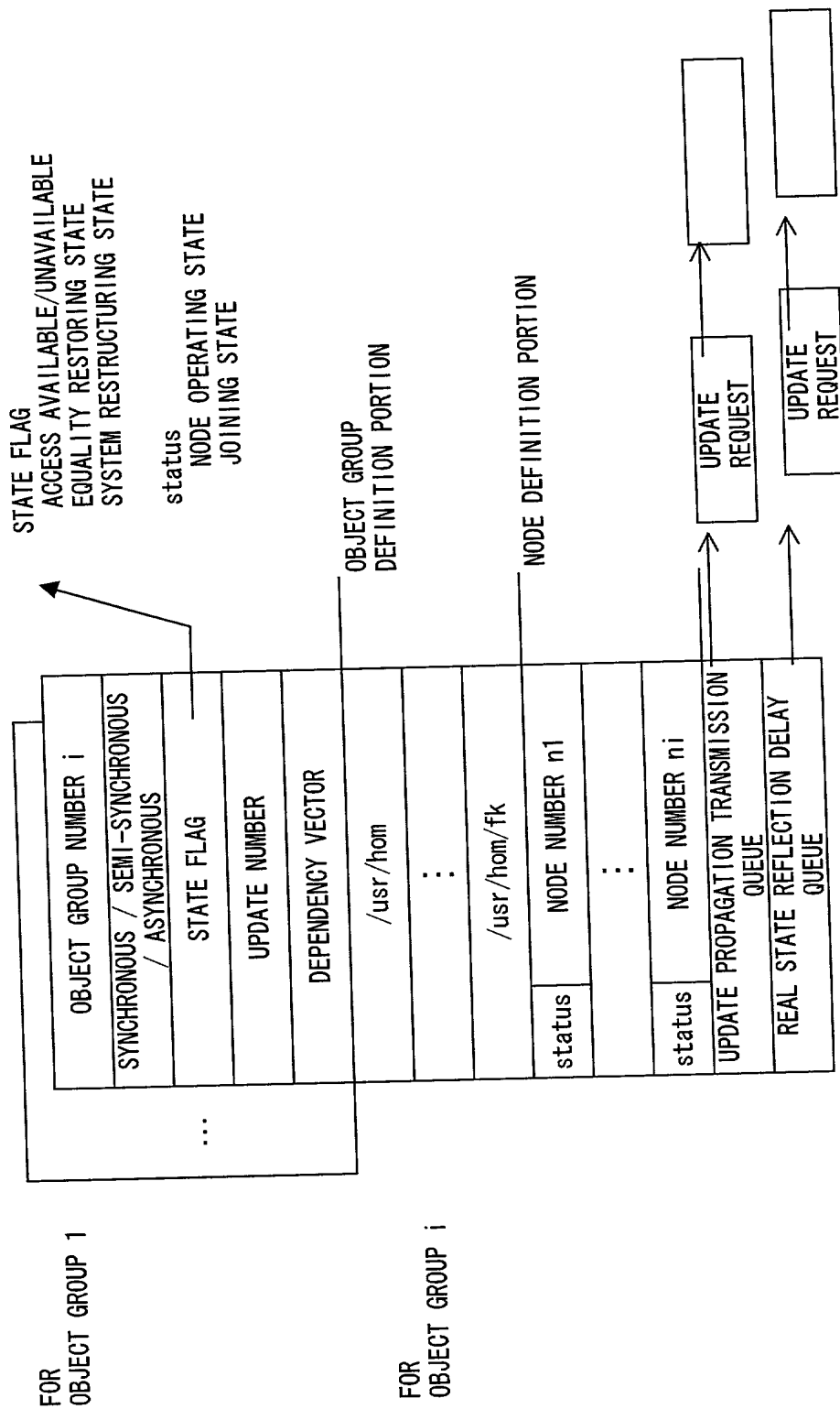


FIG. 6

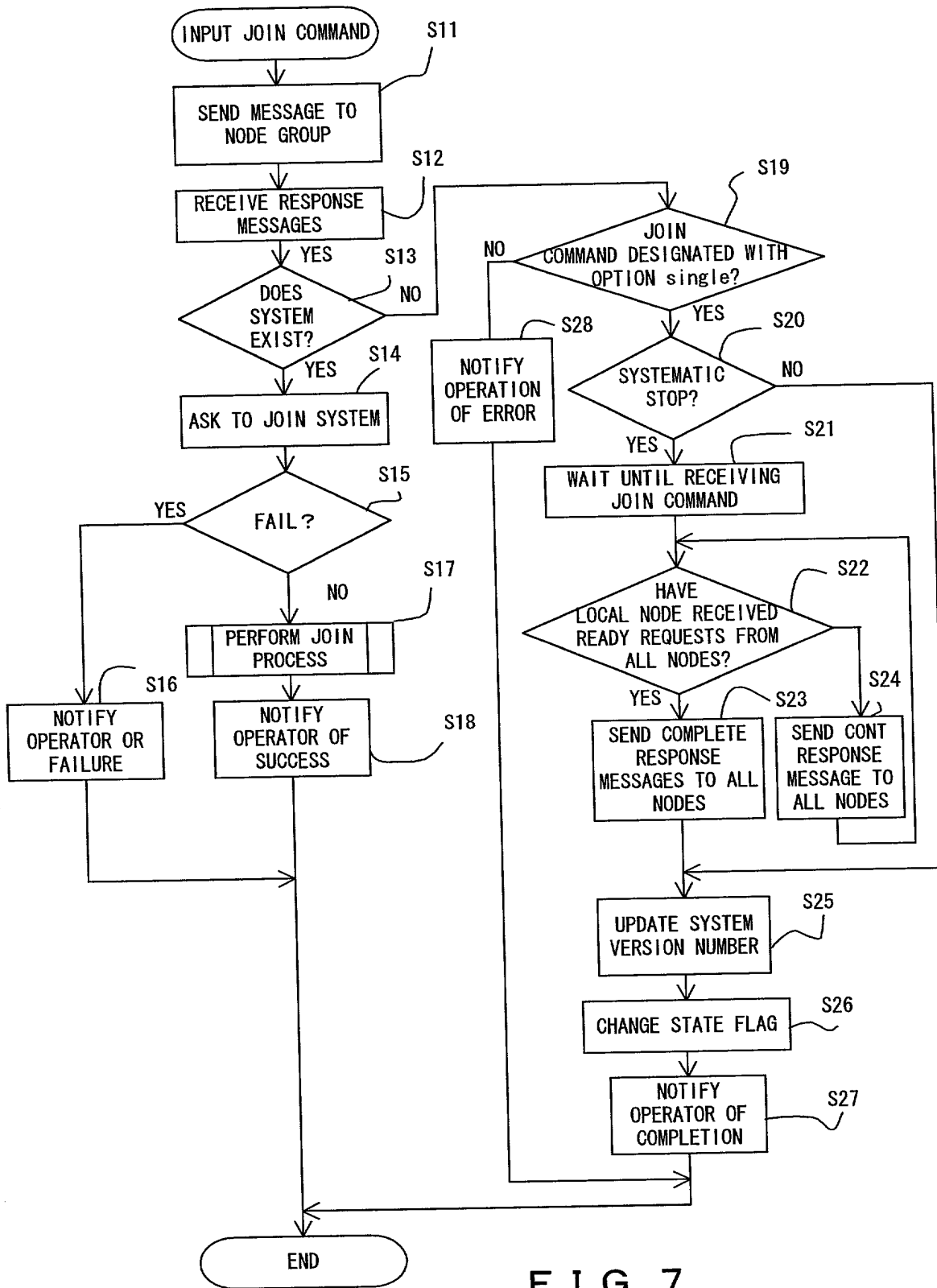


FIG. 7

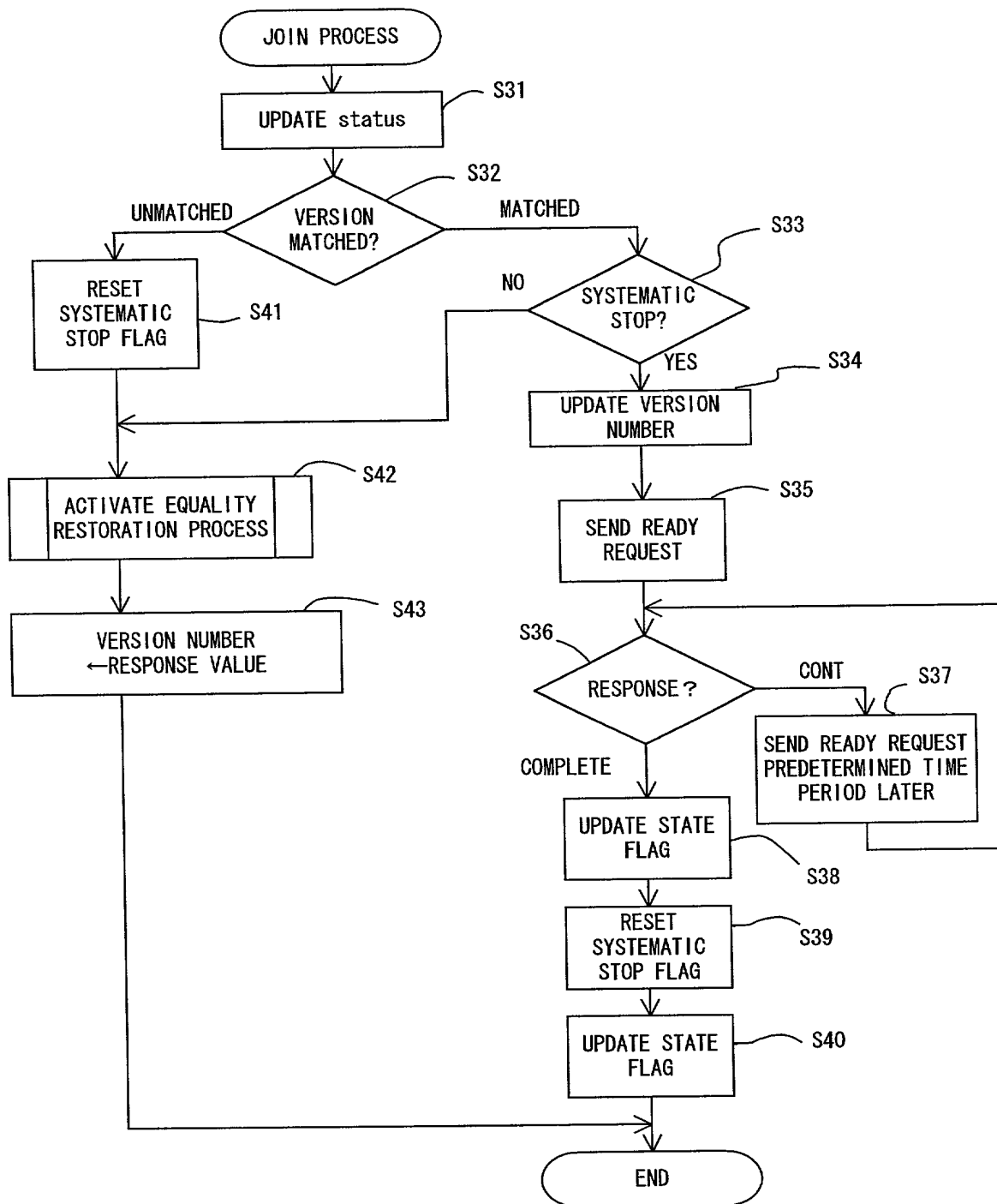


FIG. 8



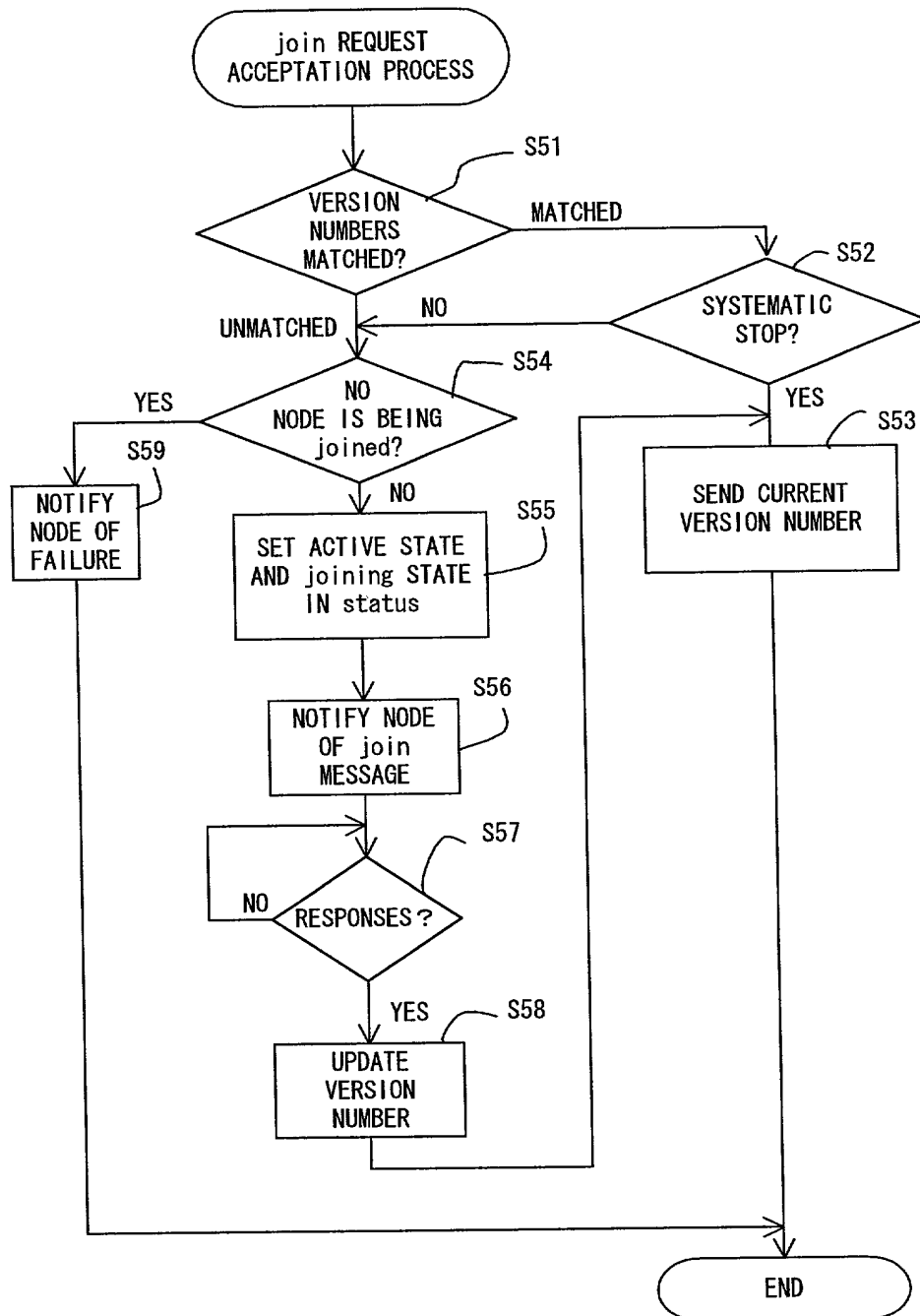


FIG. 9

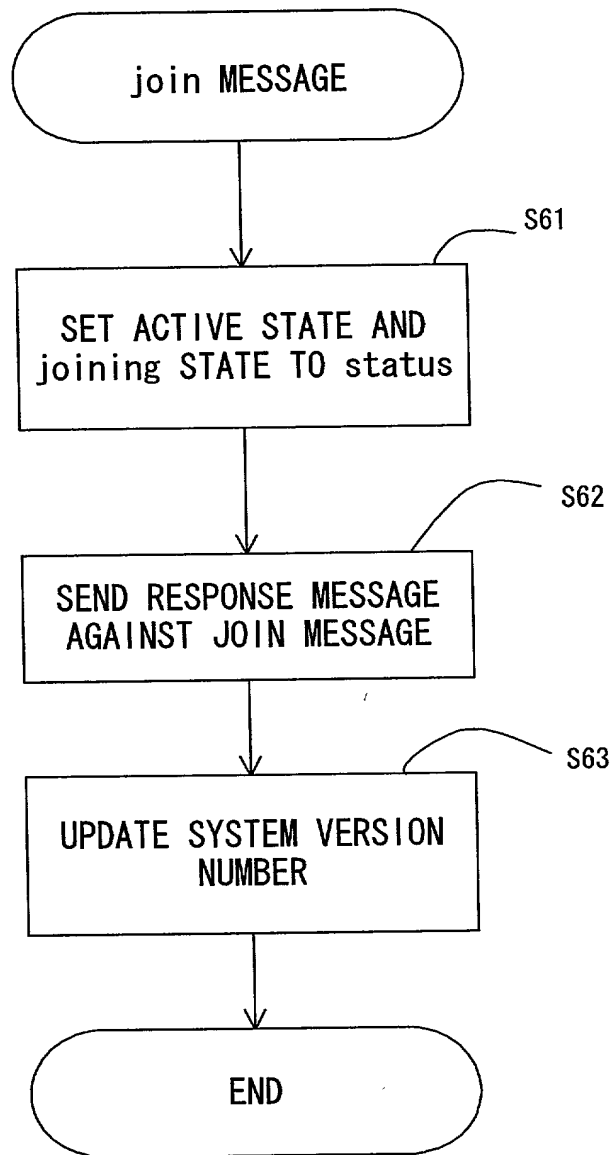


FIG. 10

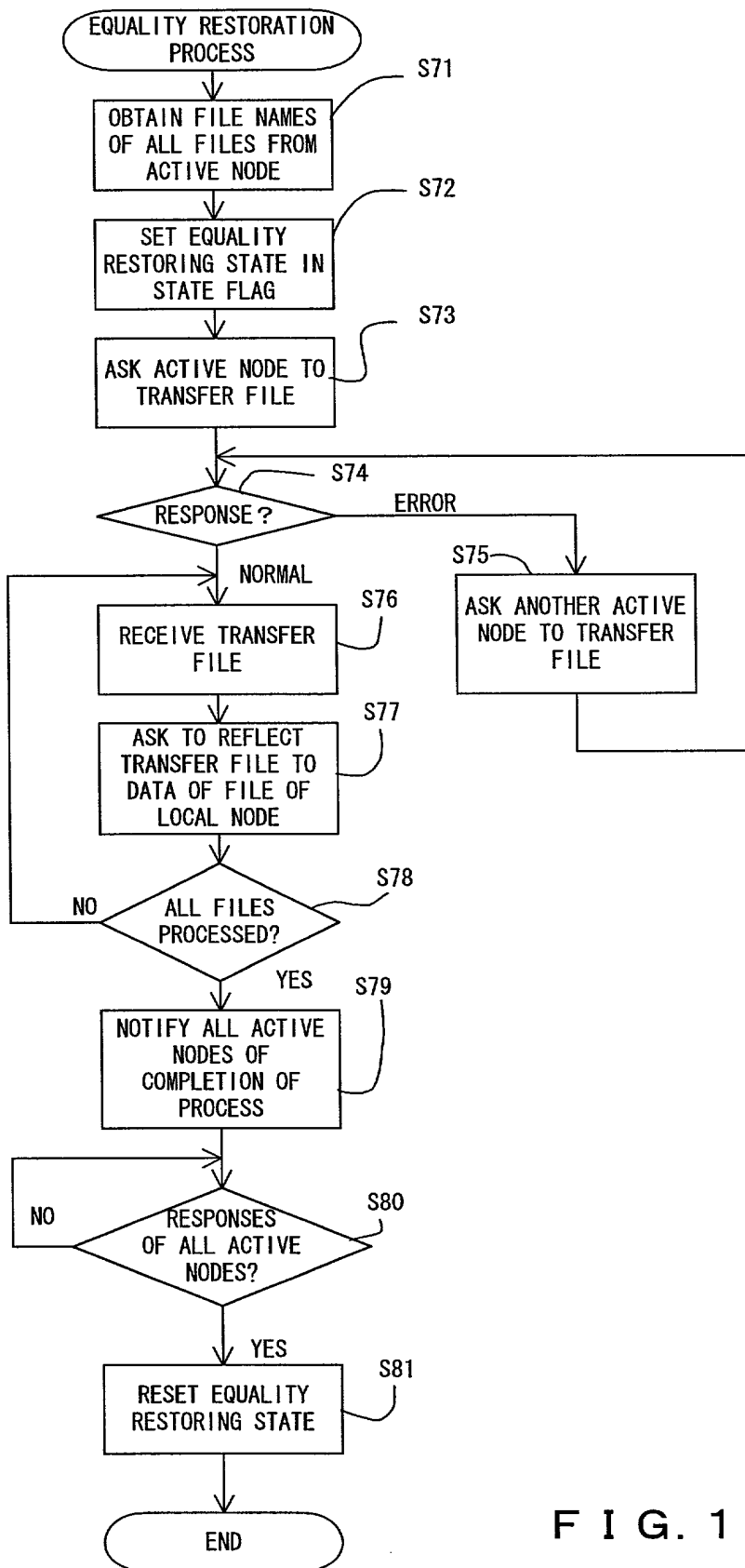


FIG. 11

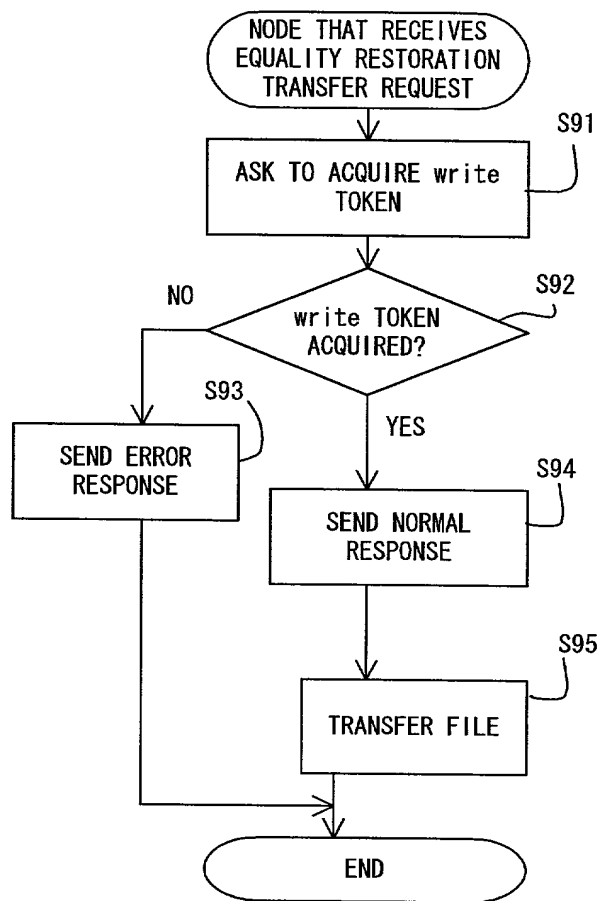


FIG. 12

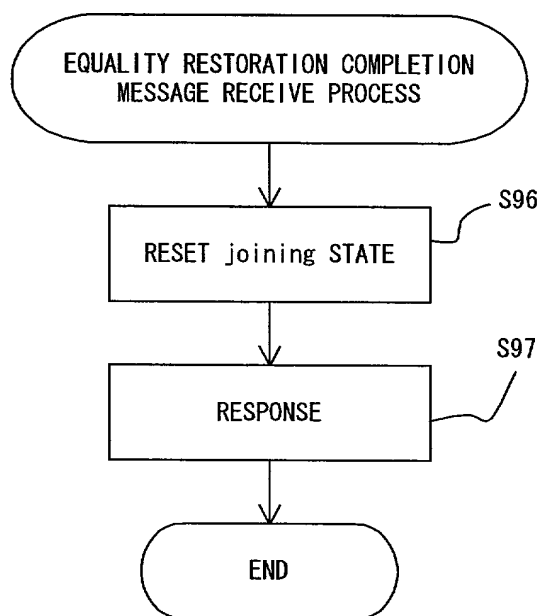


FIG. 13

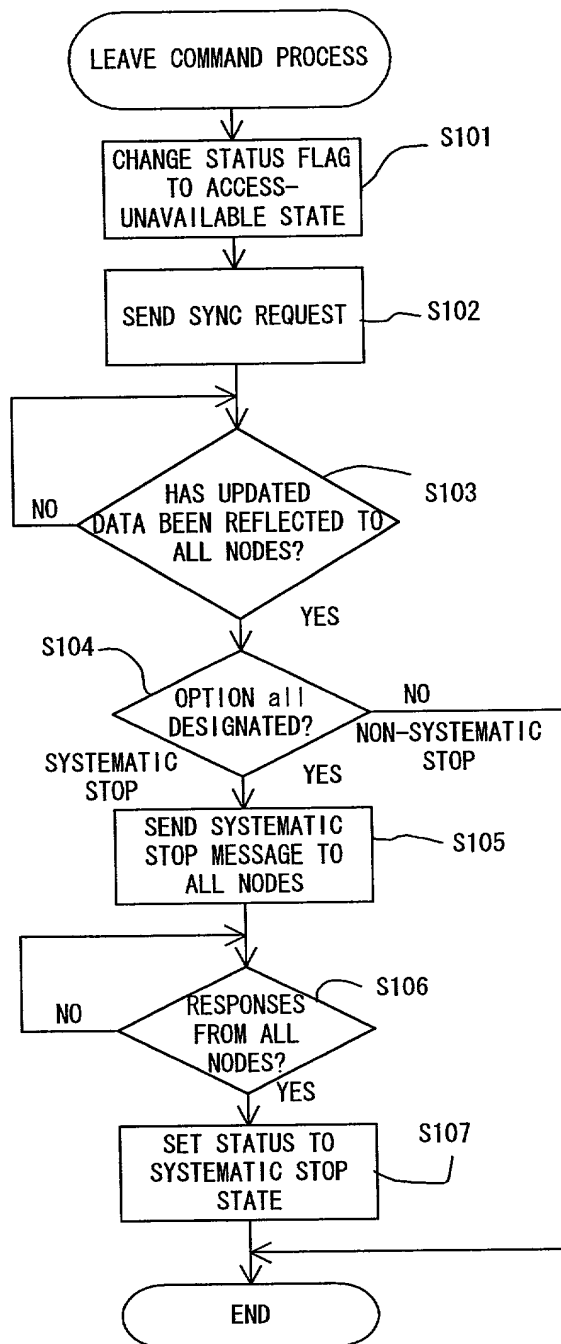


FIG. 14

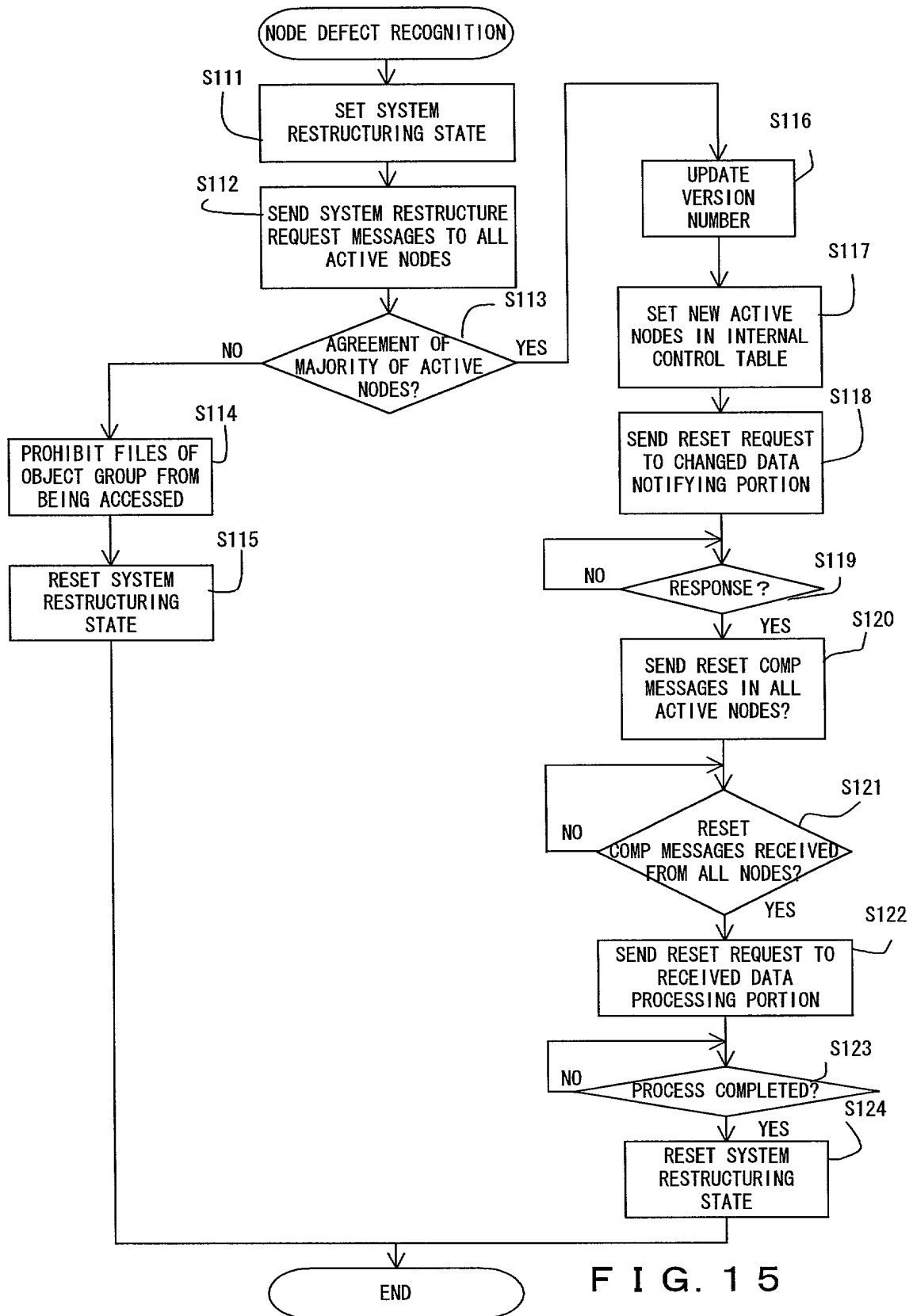
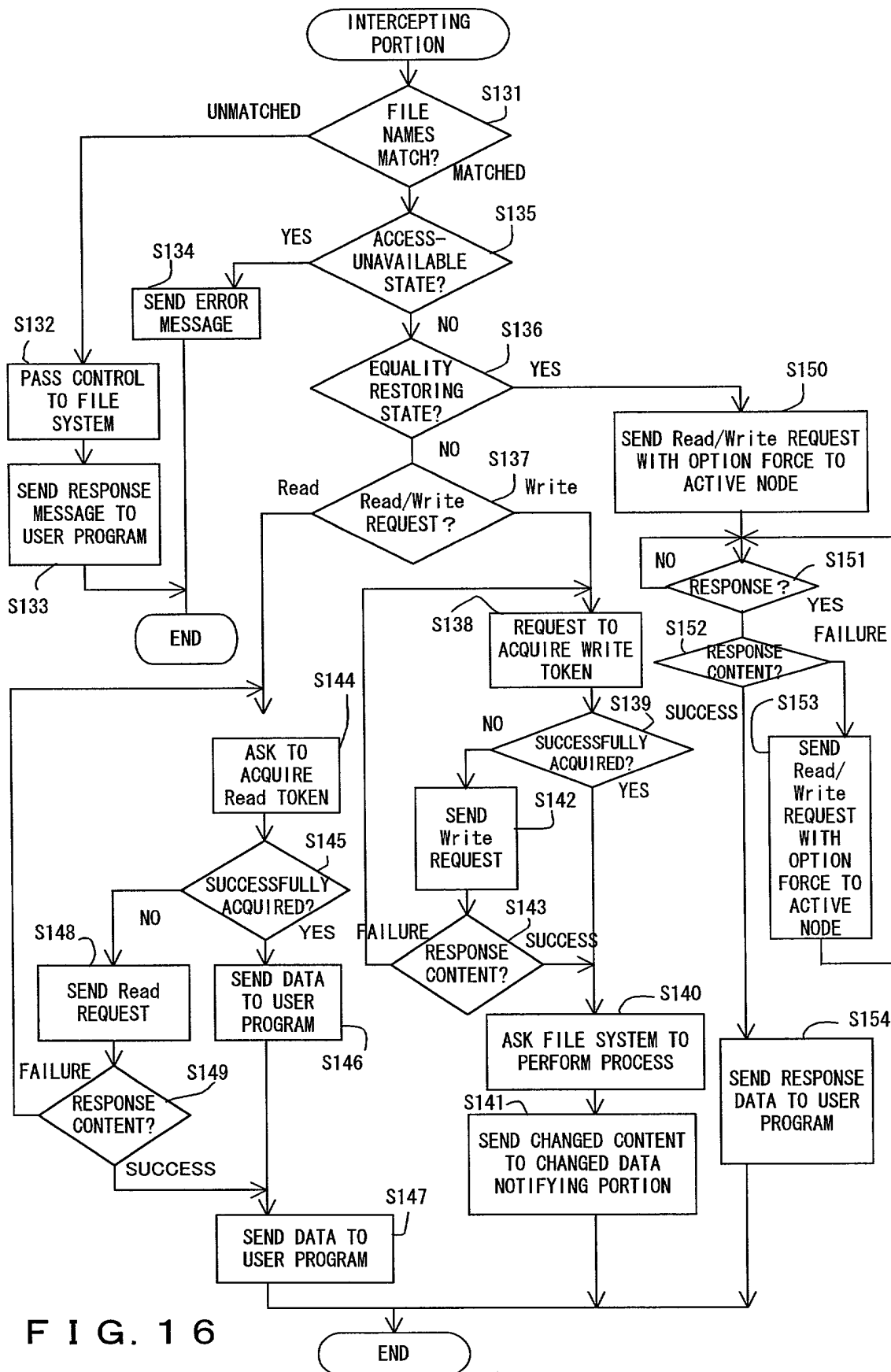


FIG. 15





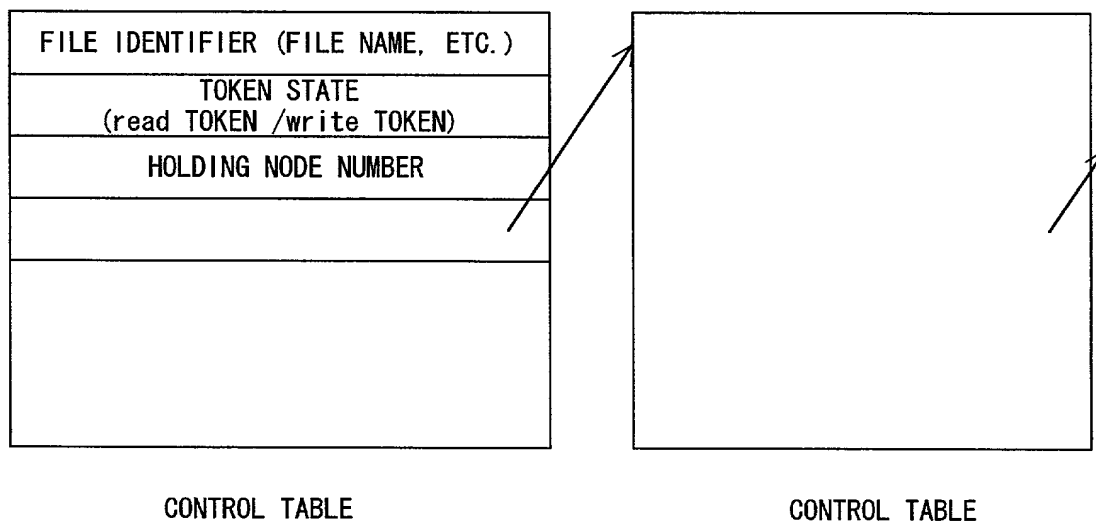


FIG. 17

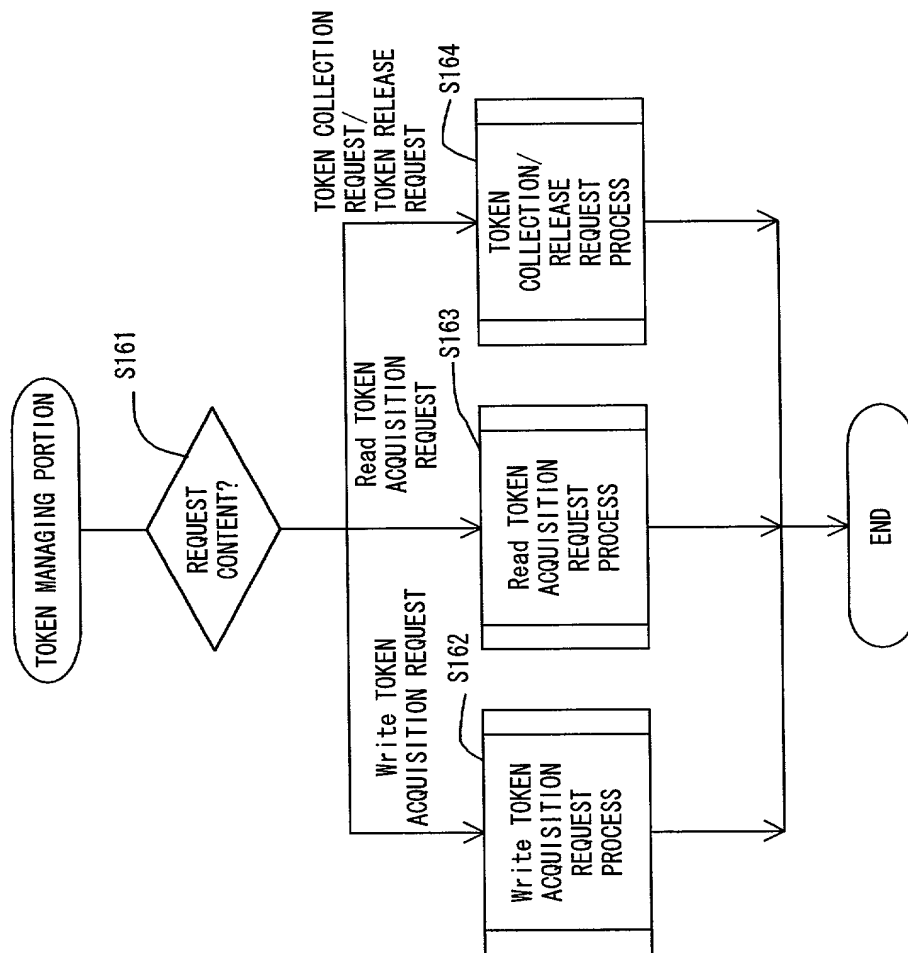


FIG. 18

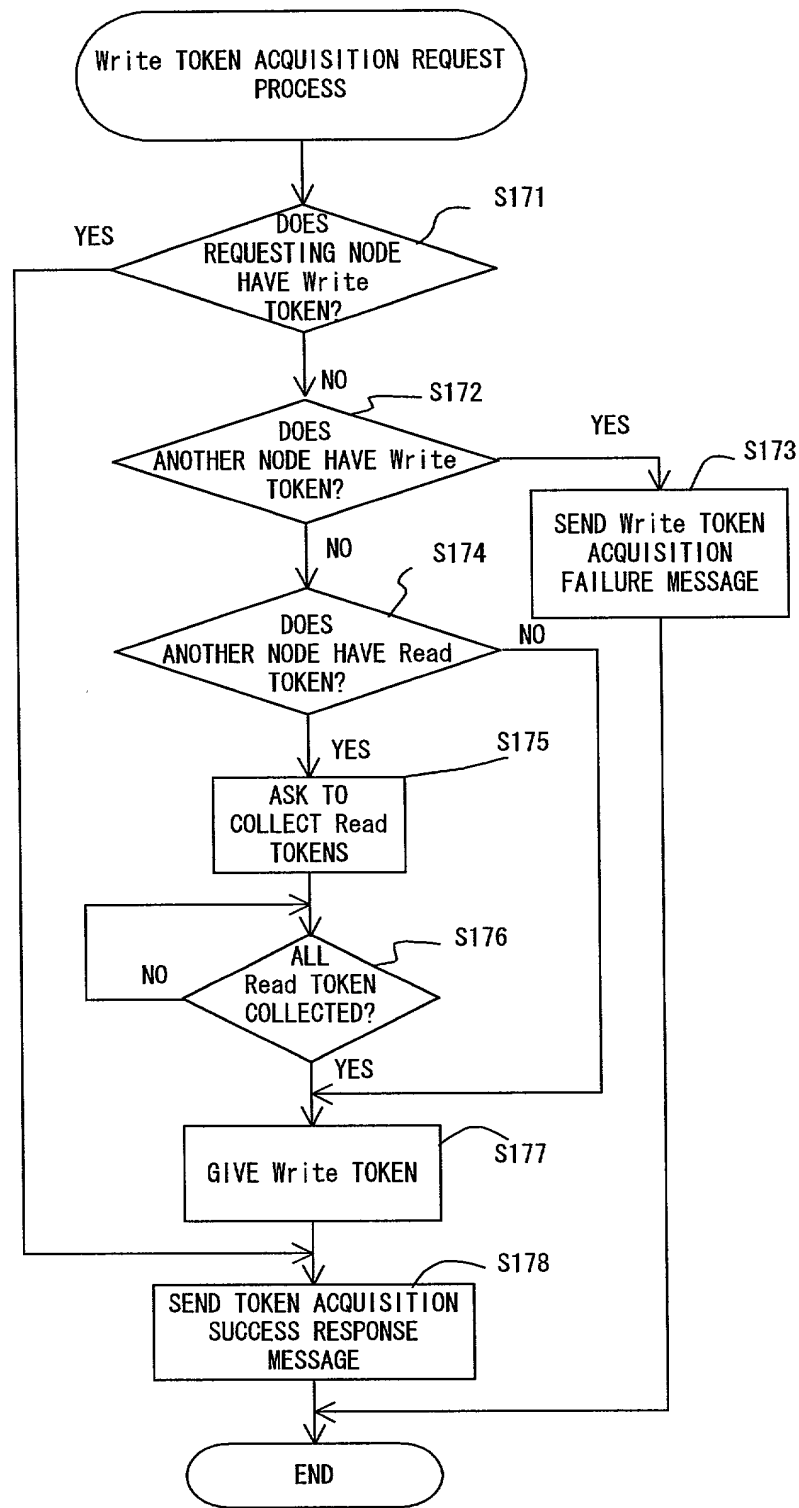


FIG. 19

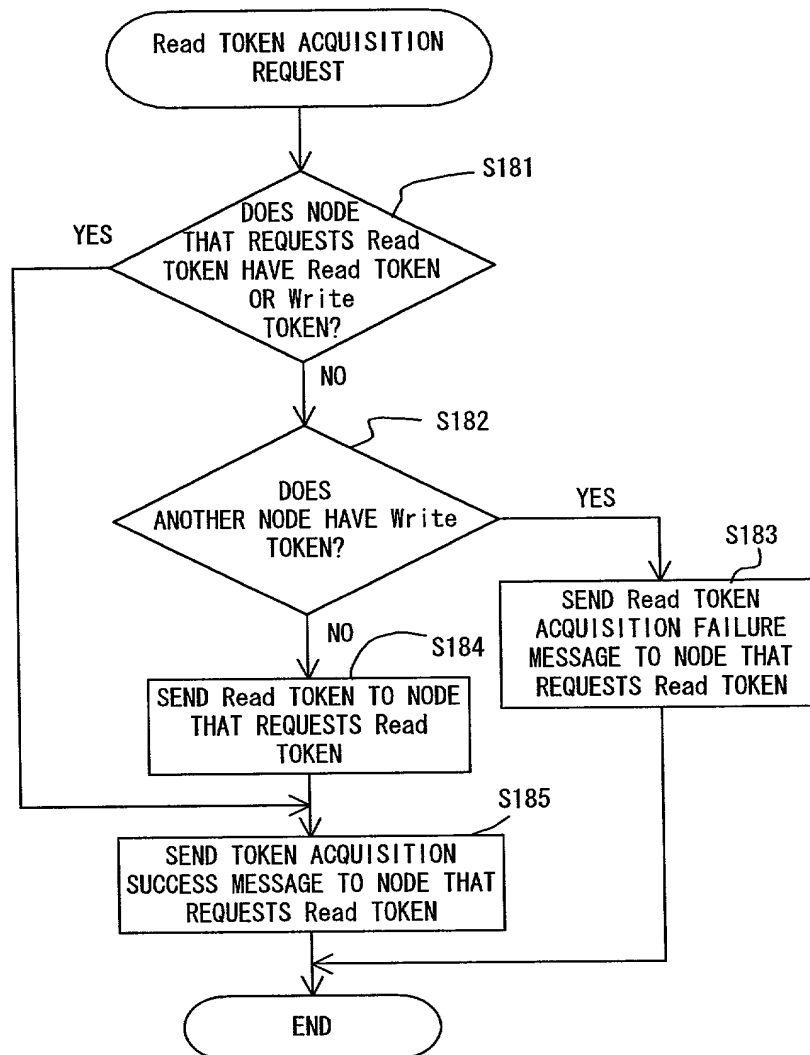


FIG. 20

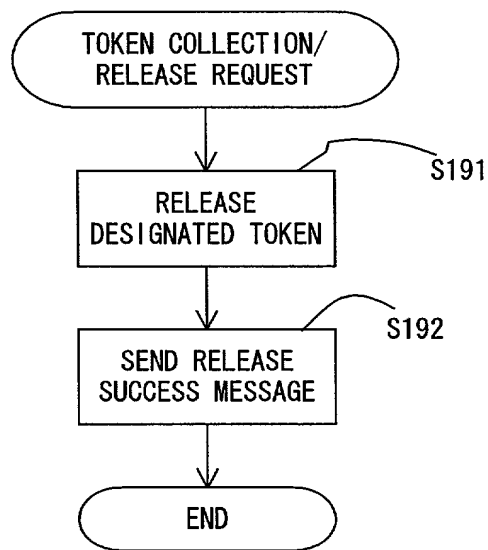


FIG. 21

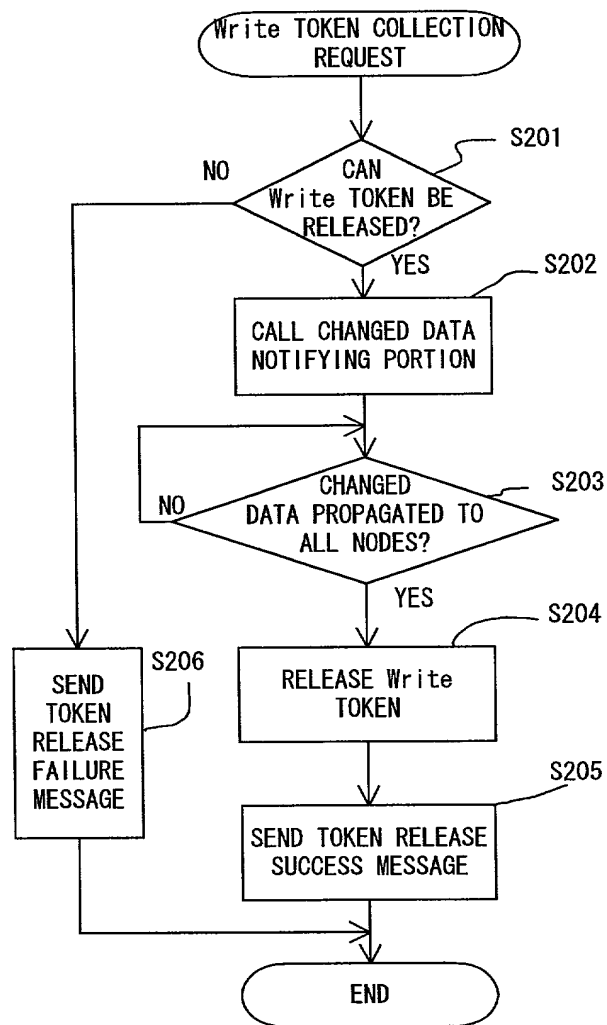


FIG. 22

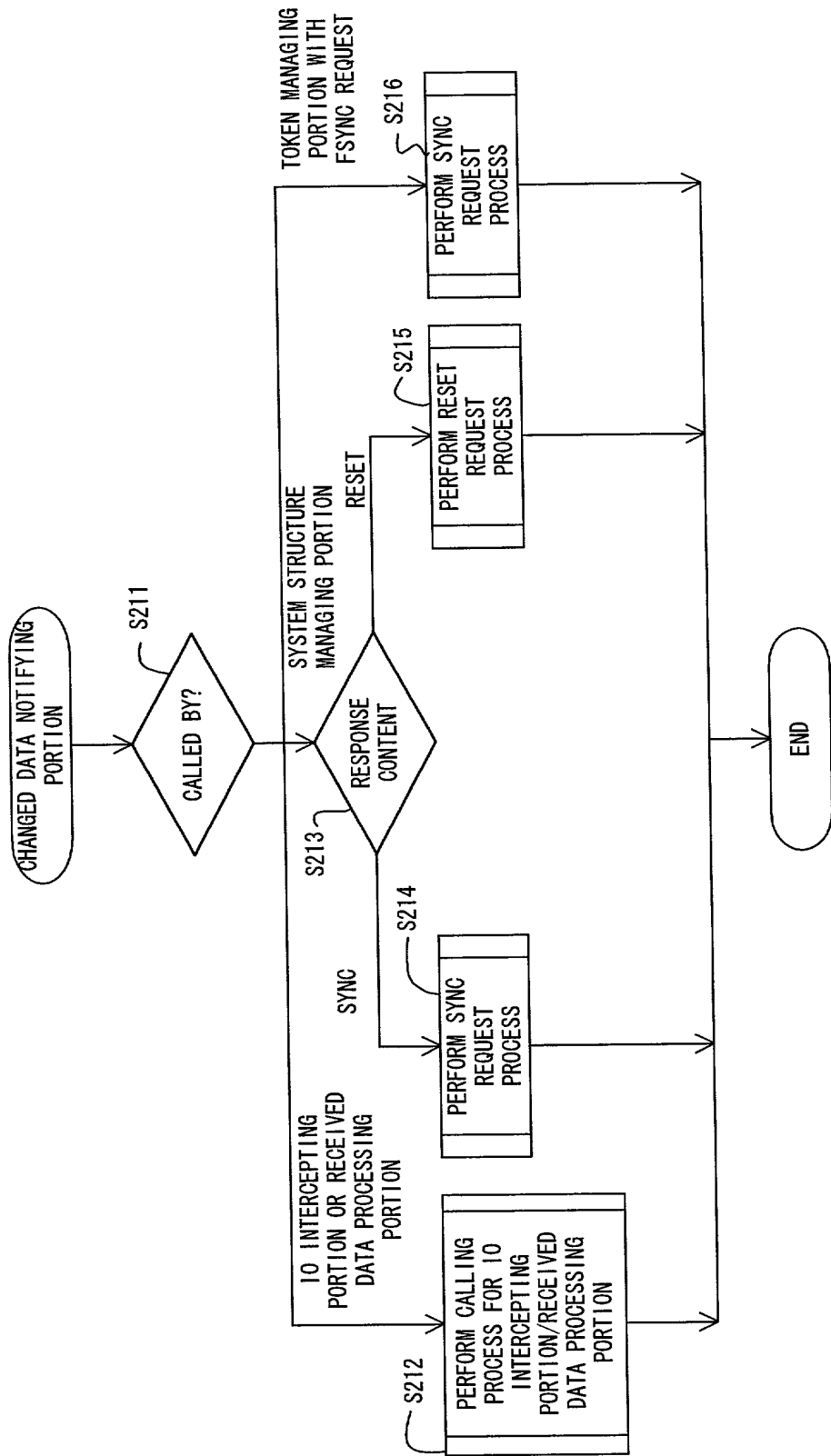


FIG. 23

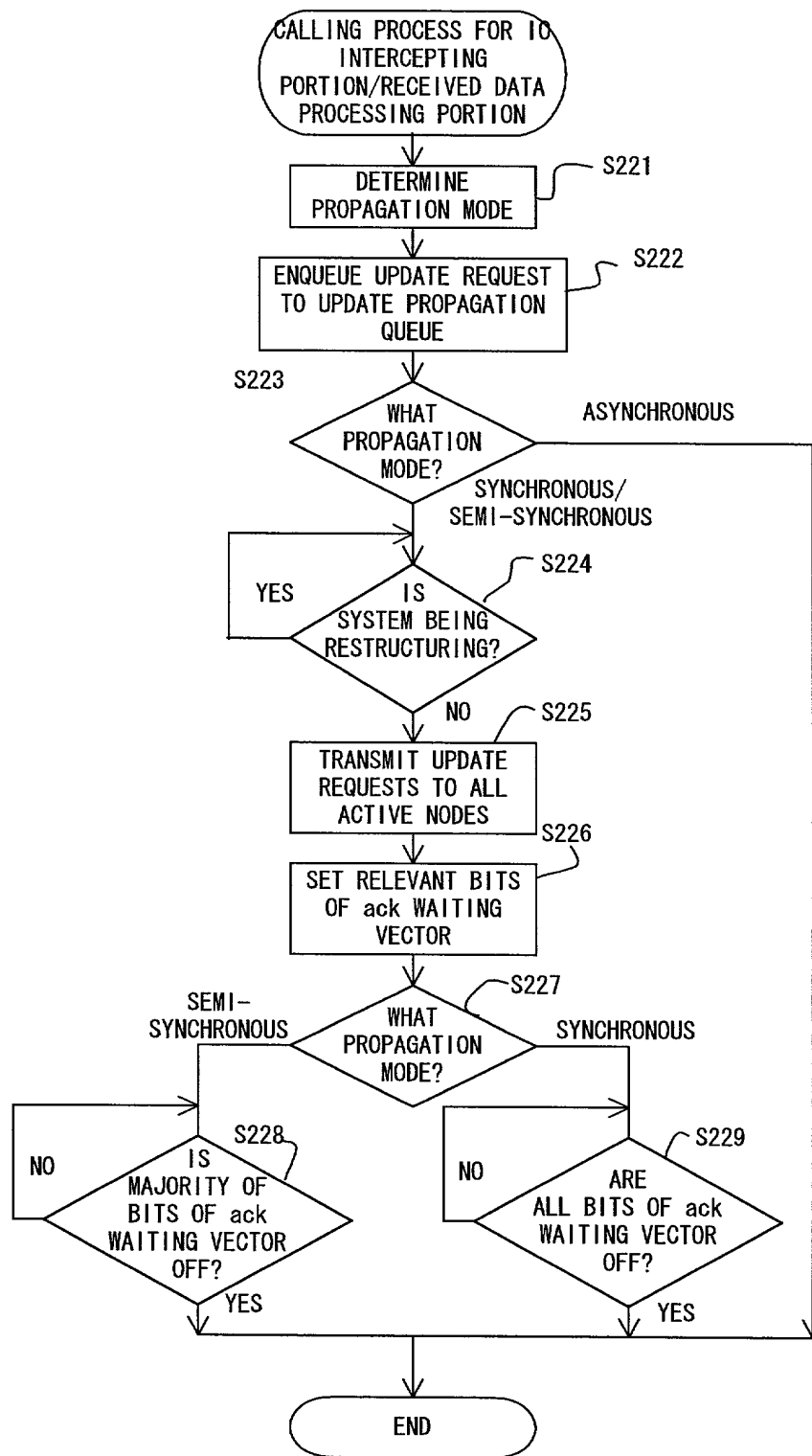


FIG. 24



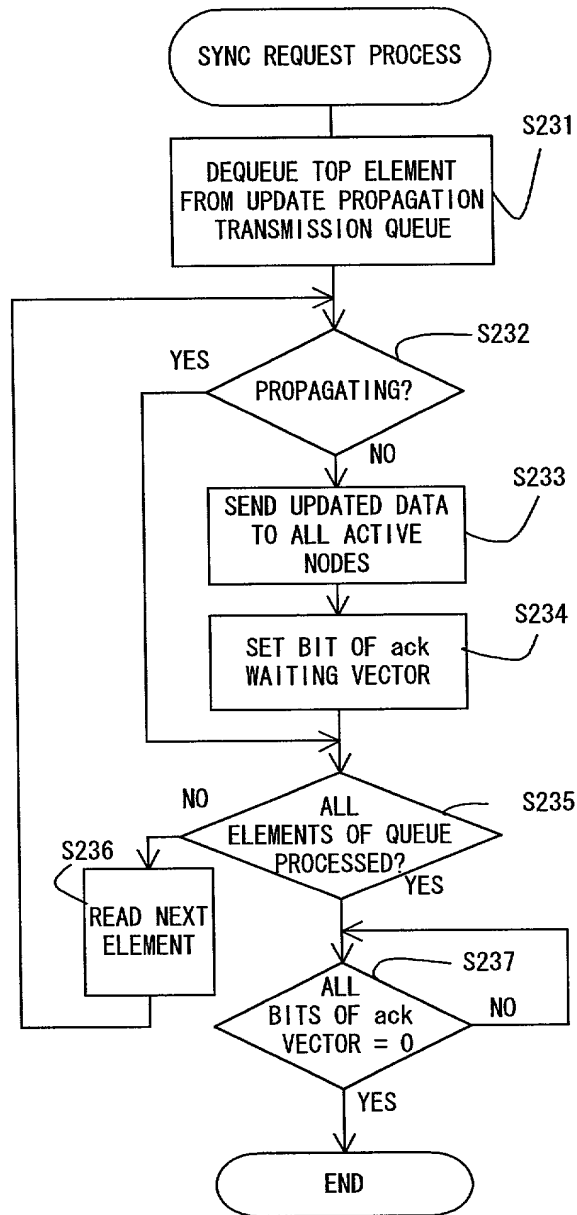


FIG. 25

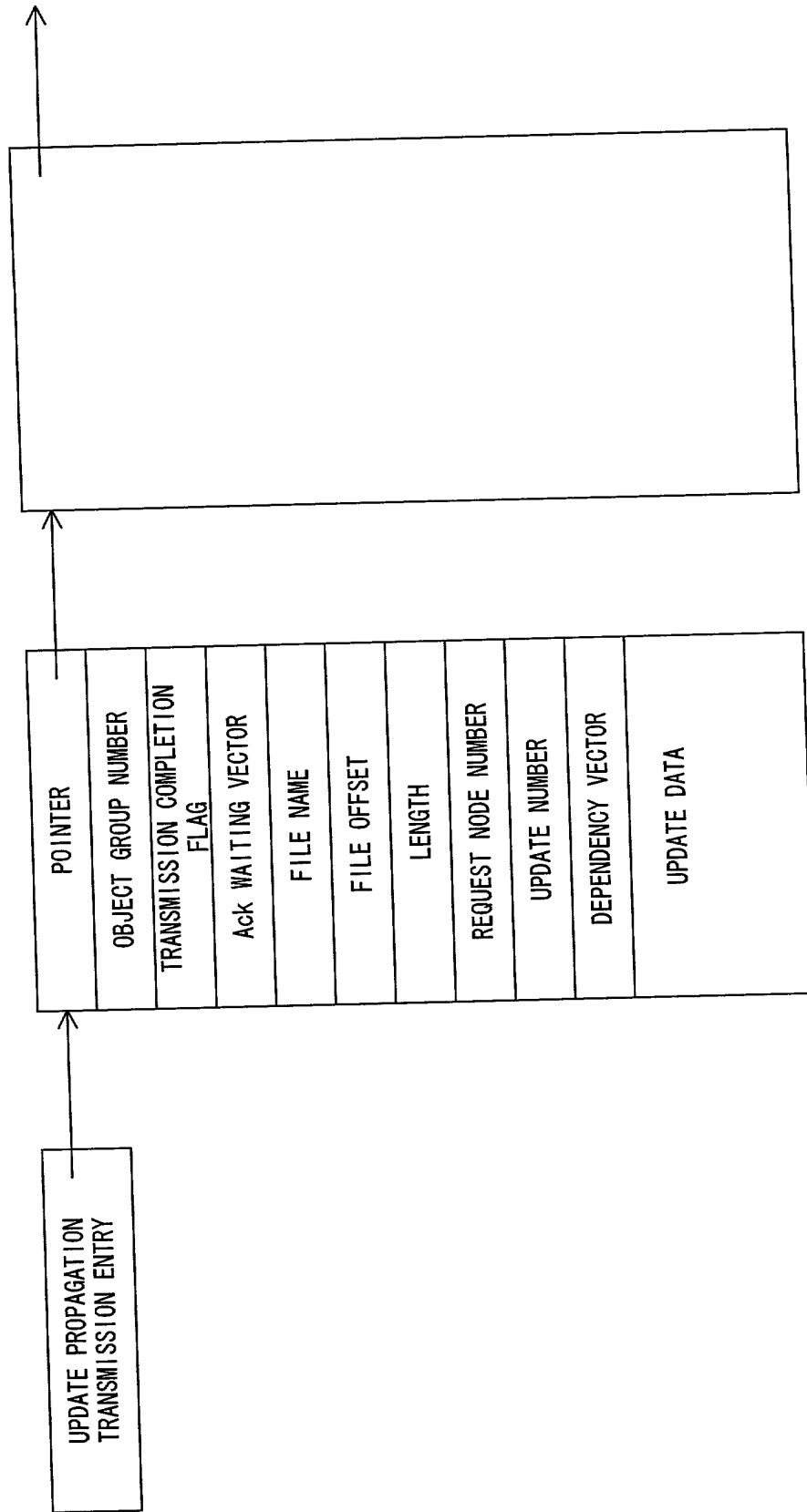


FIG. 26

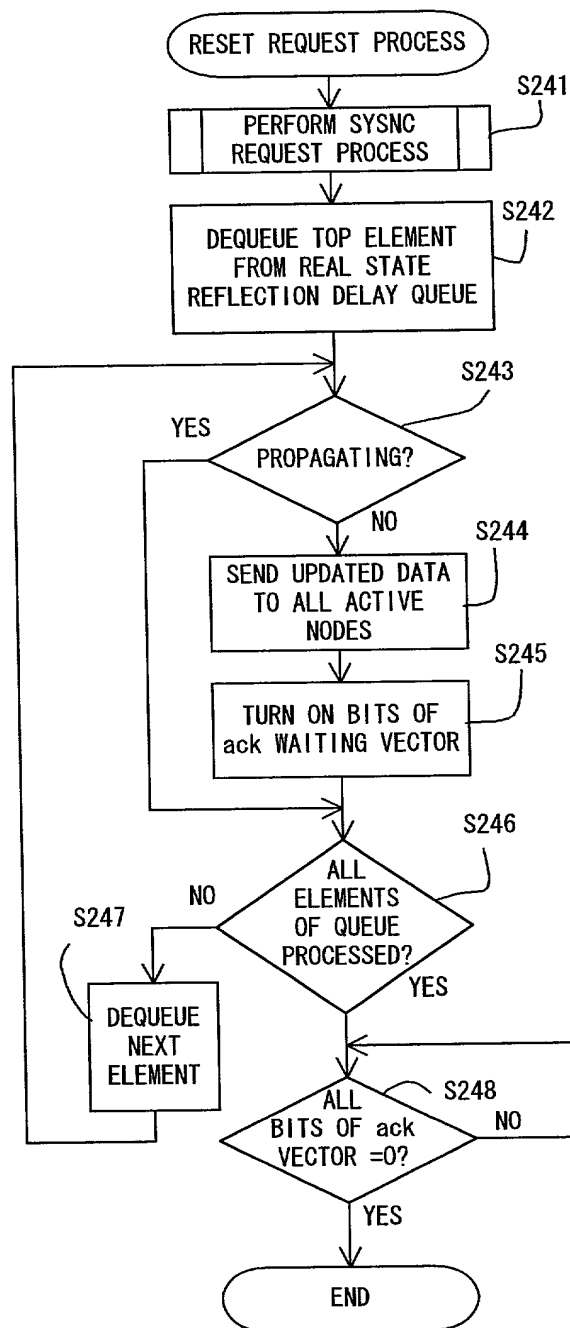


FIG. 27

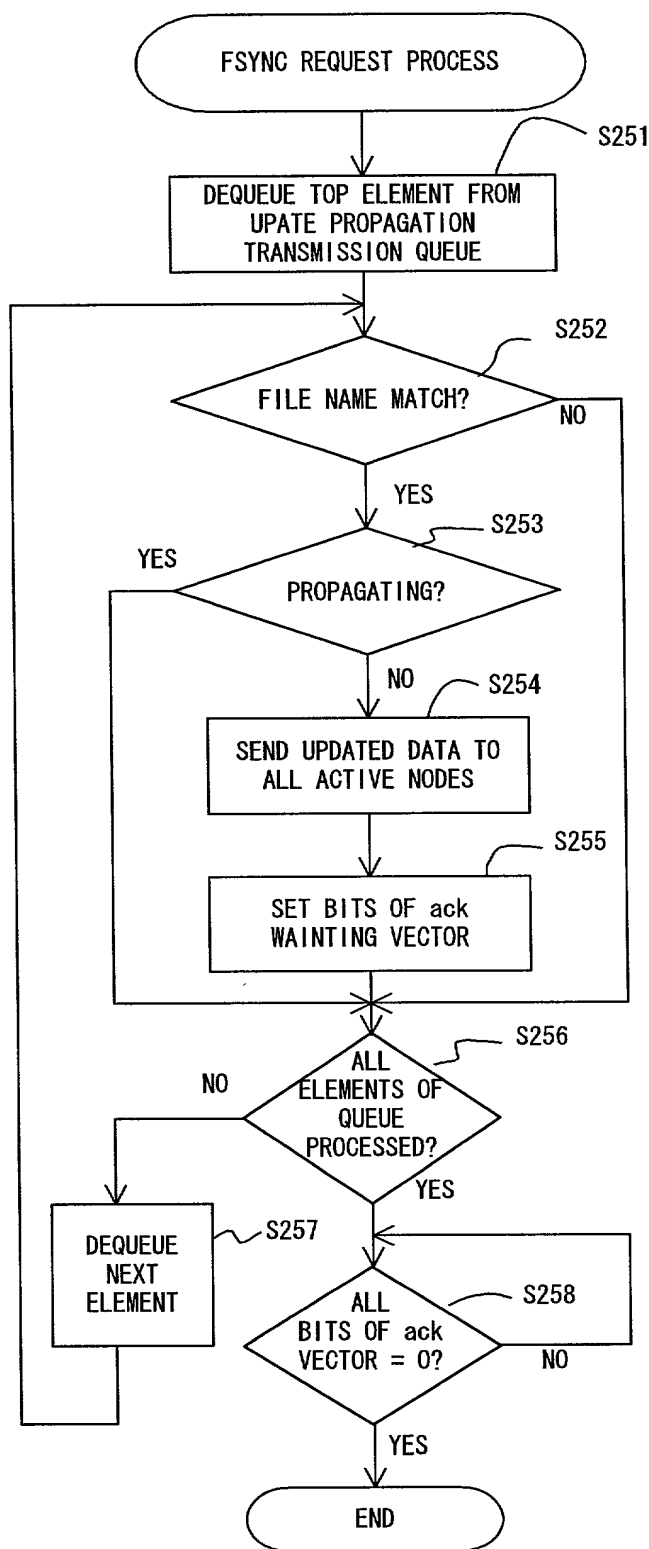


FIG. 28

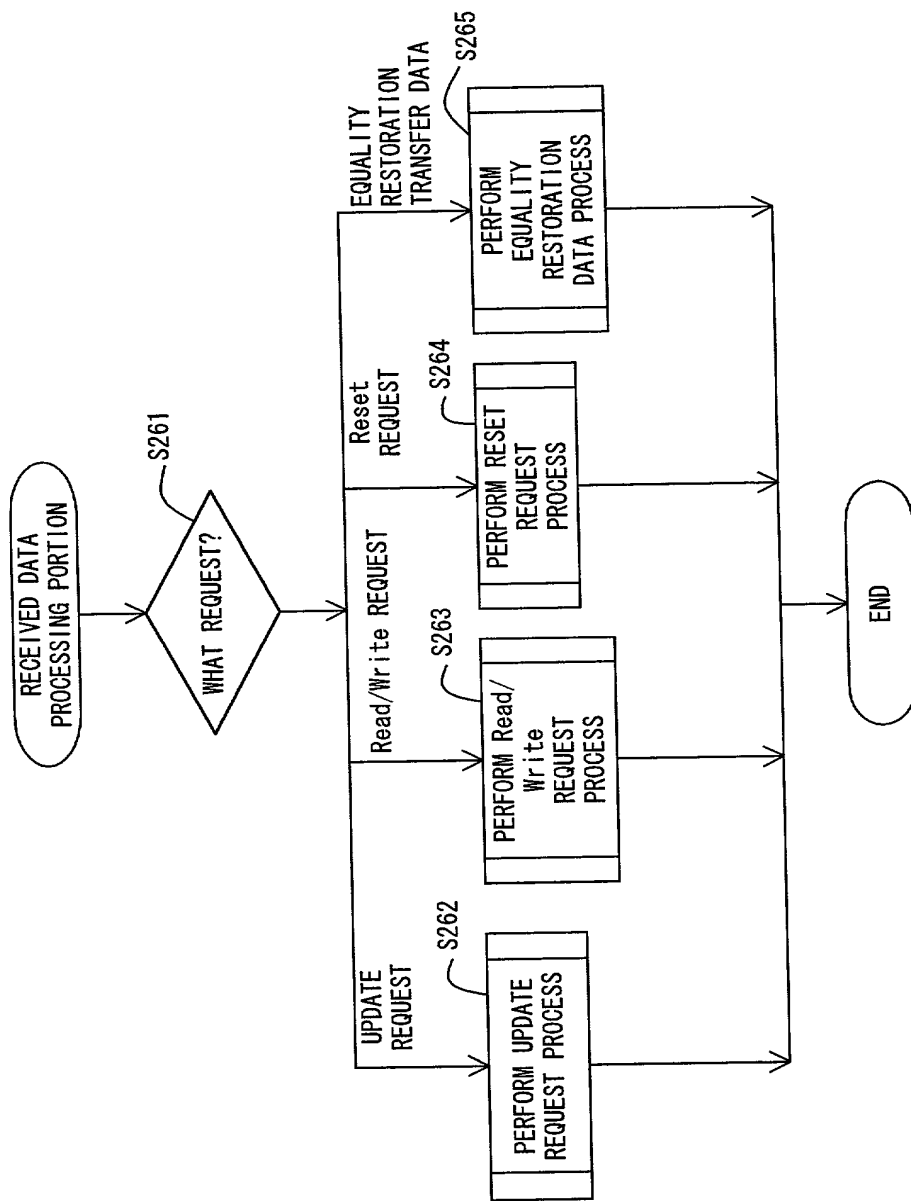


FIG. 29

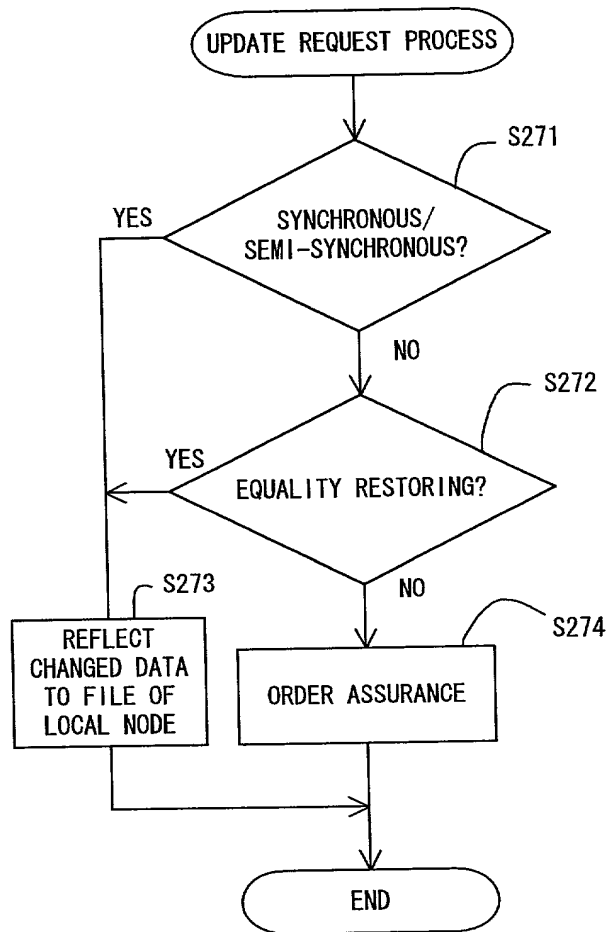


FIG. 30

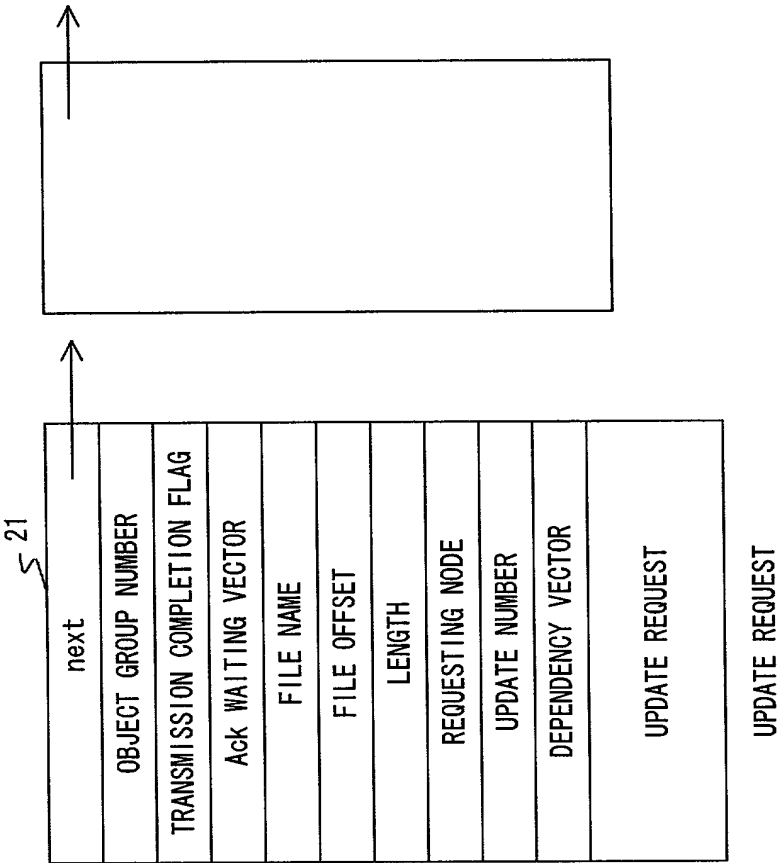
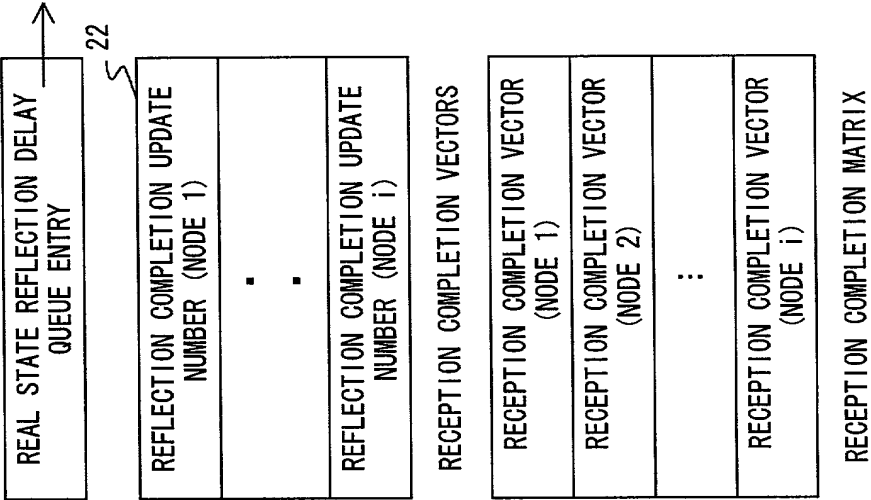


FIG. 31

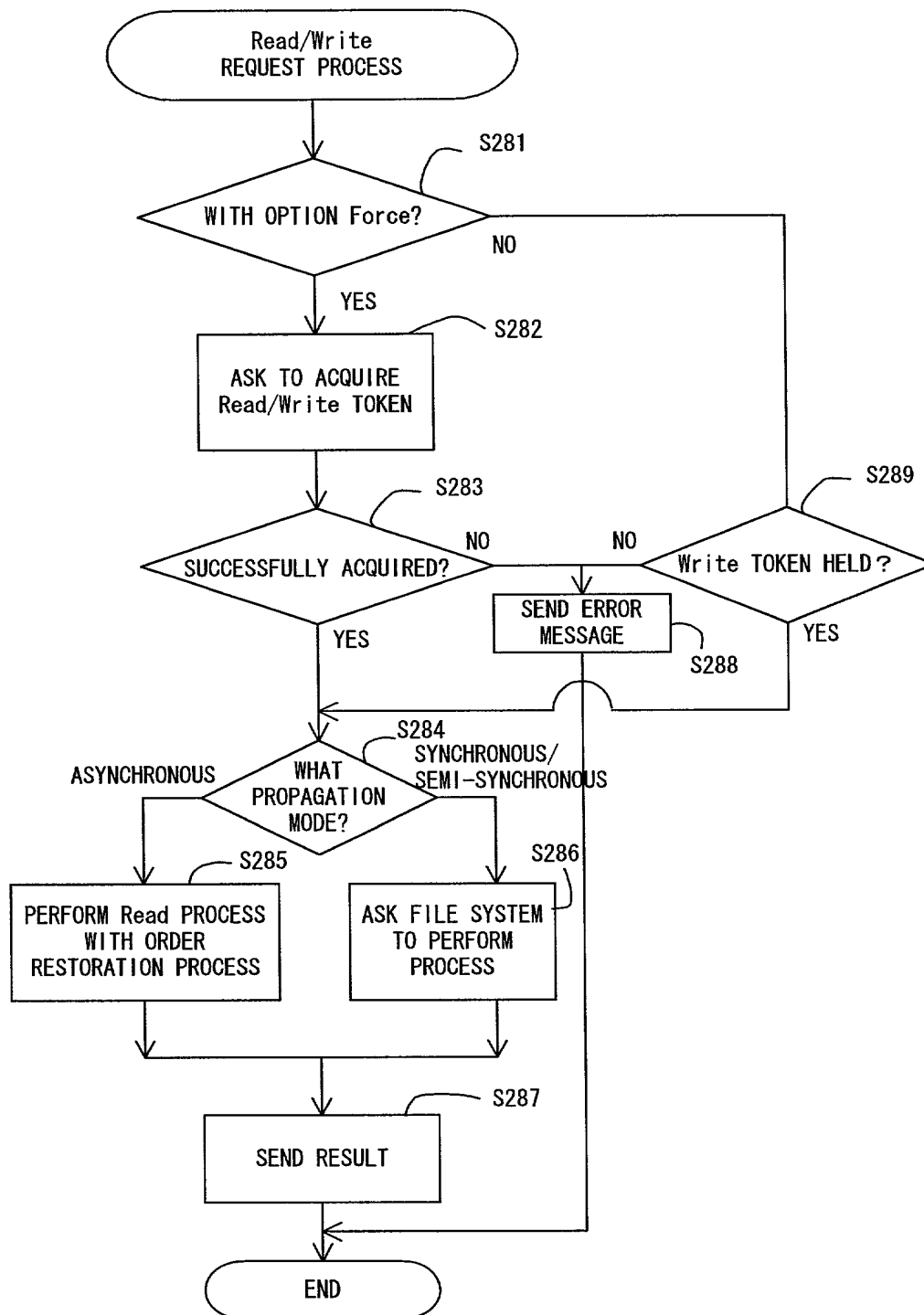


FIG. 32



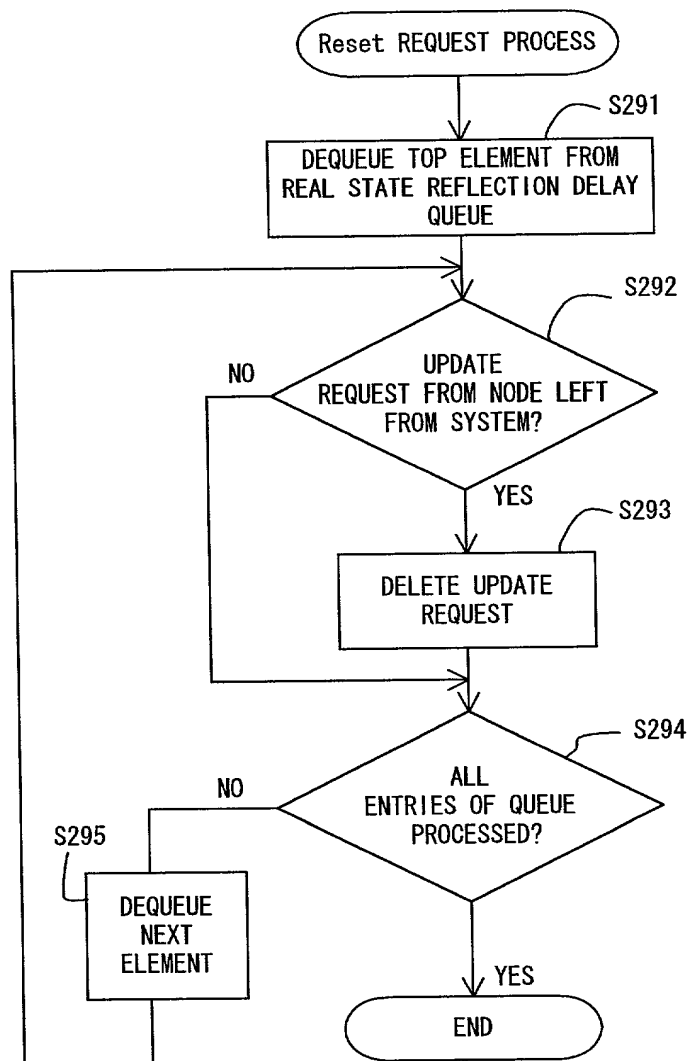


FIG. 33

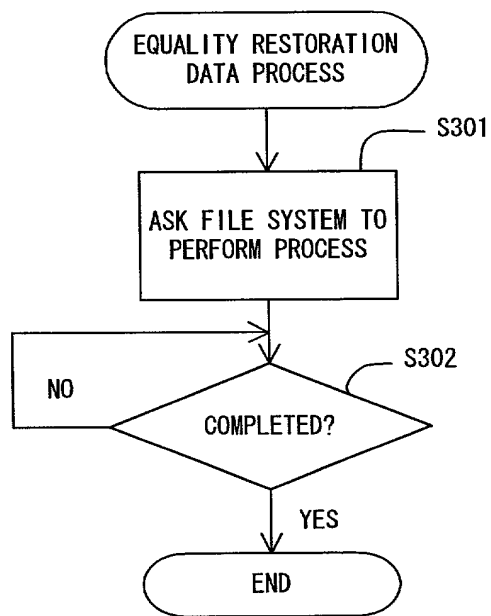


FIG. 34

Write REQUEST (NODE 2)

REQUEST NODE 2  
UPDATE NUMBER 10  
DEPENDENCY VECTOR  
(10, 9, 6)



NODE 1  
(20, 5, 5)

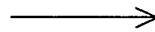


(20, 10, 6)

DEPENDENCY VECTOR

Read REQUEST (NODE 2)

DEPENDENCY VECTOR  
(10, 9, 6)



NODE 1  
(20, 5, 5)



(20, 9, 6)

DEPENDENCY VECTOR

FIG. 35

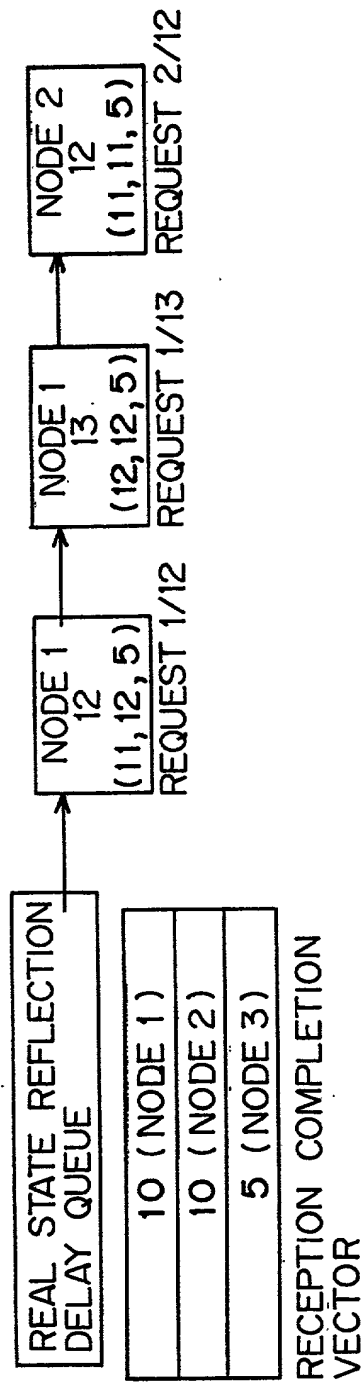
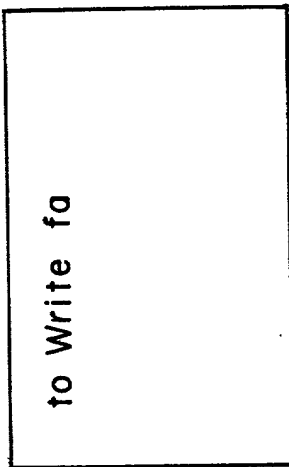


FIG. 36

NODE 1

write REQUEST  
1/1(0,0,0)



DEPENDENCY VECTOR  
OR write REQUEST

NODE 3

DEPENDENCY VECTOR  
OR write REQUEST

NODE 2

ARRIVAL OF write  
REQUEST

t1 read fa

t2 write fb

t3 write fb

(1,0,0)

(1,0,0)

2/1(1,0,0)

(1,1,0)

(1,1,0)

3/1(1,1,0)

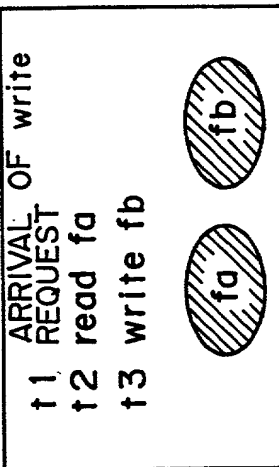
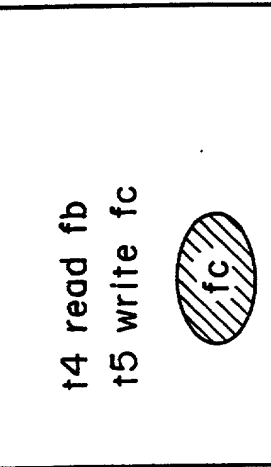


FIG. 37

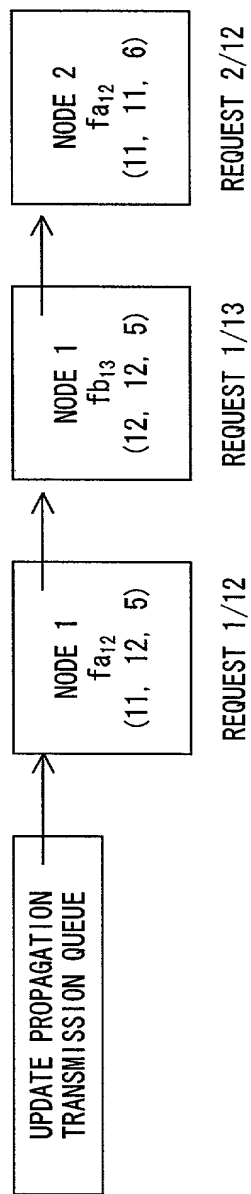


FIG. 38

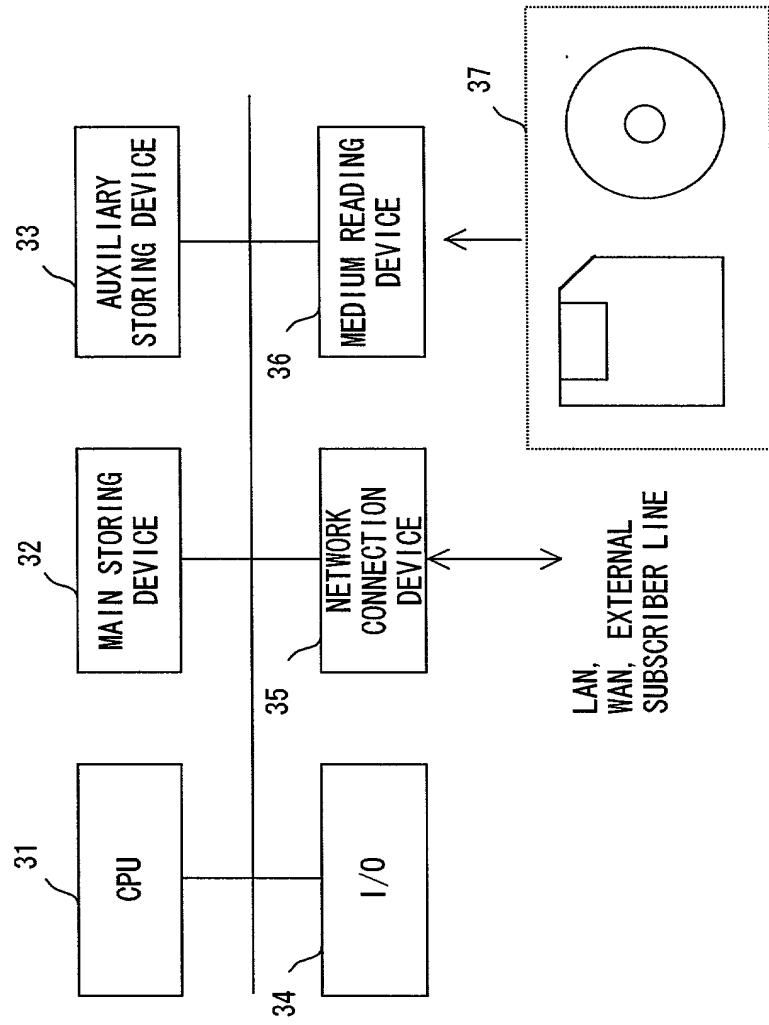


FIG. 39

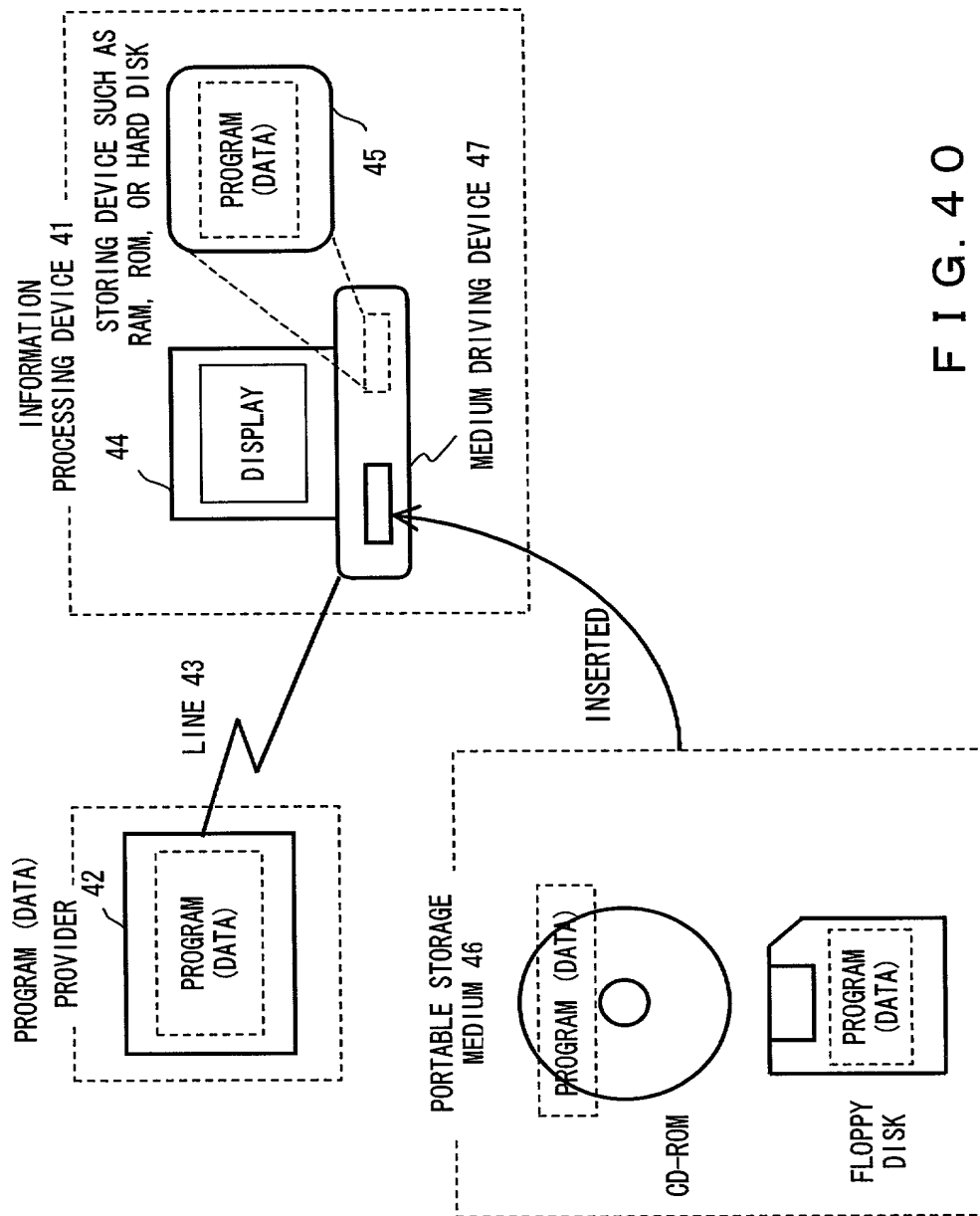


FIG. 40